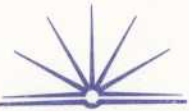


## Question 24.

a) Fragment 1 would be 3rd Generation language as there ~~is not~~ is only words which ~~are~~ complex compiler will break down

Fragment 2 is 2nd Generation language as it is much more descriptive and more like 1st Generation language, only using words which ~~refer~~ do not refer to the direct point at which the information is wanted like 1st generation does.

b) object orientated programming language has emerged because computers are becoming more advanced and can handle more load, also or needs are becoming greater and older generation languages are



not able to handle the tasks as easily

c) i on line 20 they have the symbols  
< and > (greater and less than) 0 which  
means any number that is inputted, it should  
have been  $\geq 0$  (less than or equal to)

~~(entering a triangle)~~

ii) → Begin

area := ( $\frac{1}{2} \times$  "hight" ~~x "width"~~ "base")

- End;

Begin

Write ('Enter hight');

~~Write~~ Write ('Enter Base');

read in ~~area~~ ~~area~~ = ( $\frac{1}{2} \times$  "hight"  $\times$  "Base")

Print ~~"Area"~~ ("Area triangle")



D) ~~4~~ 4th generation would be good to use as it is easier to code and can understand a vast amount of words and numbers. This would be a large program and it would be very difficult to code such a program in an older generation language.

This system can determine where problems may arise and will try to fix them automatically. This shows the language is very advanced. ~~and~~  
~~even~~.